Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Bill Type::1st & Final Bill

Date.....2020

Zone:BBMP,Yelahanka | Division:BBMP, Byatarayanapura | Sub-Division:Kodigehalli

Bill Received No. | Dated | Divisional | Cash Book Voucher No.....Dated.....

Sub-Divisional | Job Code: 007-18-000040

Schedule Docket No. | Head of Account: P2178, | Est.Cost: Rs 70.00 Lakhs | INDENT NO.:

Name of Work : Improvements to drains in chikka siddappa Layout AND ESTABLISHMENT OF RO PLANT AND PROVIDING AND FIXING OPEN Gym and childrens play eyuipments in Amruthalli in ward no.07, Byatarayanapura Kodigehalli Sub Division.

Name of Contractor and Full Address: Executive Engineer , K.R.I.D.L, #280, 59th Cross Road, 17th 'C' Main Road, 3rd "Y" Block, Rajajinagar, Bangalore-10

Reference to Agreement No. BBMP/EE/BTP/WO/89/2017-18 Date: 02.03.2018

Certified that the measurements were taken by me on: 7/8/2020 and recorded of Pages 351460 to 351474 of measurement Book No. 3515/2016-17 and that work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that measurement were taken by me on 7/8/2020 and found correct. The work is satisfactorily executed.

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub Division Officer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P
Bangalore.

1) Total value of work done or supplies made as per account within — 1st & Final →

2) Deduct amount to be held in reserve being.....Percent Rs.....

3) " Balance

4) Deduct Payment:

a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No.....

adjusted towards cash advance recovery of

b) Payments cost store or other material supplied.

Now made recovery of amount creditable to this /other work

Amount paid on this bill Cheque/Cash.

5) Balance being unpaid value of work done held in reserve.

6) Deduct cash advance made on the Office cash Book Voucher No.....

dated .....less adjustments.

Total Amount Adjusted -

7) Net amount due to or from Contractor unadjustments items.

8) Advance to Contractor for materials brought to site (as detailed) within

9) Value of Government materials supplied.

TTB	6935800	00
I+	138716	00
CGST	61927	00
SGST	61927	00
FSD	346800	00
Cess	69358	00
CBF	6936	00
LR	30332	00
Fine	4804	00
Ded.	720800	00
Cheque	6215000	00

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

Received Rs.....(in words)... Contractor's Signature

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

(For use in the Office)

Witness
1
2

Dated..... Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

Head of Account P2178 — Works Sanctioned by Dep. mayor

Bill Passed for Rs. 6935800/=

Statutory Deductions Rs. 720800/= By Adjustment

Net Amount Paid Rs. 6215000/= By NEFT/RTGS

C/W

Account Superintendent
Byatarayanapura Division
BBMP

Executive Engineer
Byatarayanapura Division
BBMP
30/09

Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate Description	Unit	Previous Qty
1	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.	Cum	-
2	Earthwork in surface excvation in ordinary soil for levelling and lowerng the ground manually (other than foundation of buildings, culverts road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exeeding 50m and lift upto 1.5m, excavated stuff to a distance not exceeding 50m and lift upto 1.5m excavated syrface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	-
3	Providing and constructing load bearing wall with solid concrete solid blocks having block density not less than 18000 Kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confimring to IS 2185 (pART 1):2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materialsincluding cost of all materilas, labour charges, scaffolding, curing complete as per specifications. with solid concrete blocks 400x200x200mm and as per the directions of the Engineer-in-charge of the work .	Sqm	-
4	Providing granite slabs of selected quality roughly dressed and fixed in cementer mortar (1:6) including fixing curing etc., complete. and as per the directions of the Engineer-in-charge of the work	Sqm	-
5	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . and as per the directions of the Engineer-in-charge of the work .	Cum	-
6	Cement concrete pavement. Construction of un-reinfirced plain cement concrete pavement, thickness as per deisgn, over a prepraed sub base with OPC cement or any other type as per clause 1051..2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates ,with superplastiser @ 3lts confirming to IS9103-1999 REAFFIRMED-2008, Mixed in a concrete mixer of not less than 0.6 cum capacity and approximate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates inlcuding levelling the form work as per drawing) and spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continous operation including, provision of contraction, expansion, construction operation including longitudinal joints, including groove cutting charges joint filler, sparation menebrane, sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specfication. and as per the directions of the Engineer-in-charge of the work .	Cum	
7	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	

Previous Measurement			Present Measurement			Total Upto Date	
Qty	Rate Rs. P.	Amount	Qty	Rate Rs. P.	Amount	Qty	Cost
-	-	-	341.55	86.92	29687.53	341.55	29687.53
-	-	-	57.44	166.42	9559.16	57.44	9559.16
-	-	-	0.00	993.22	0.00	0.00	0.00
-	-	-	12.68	665.68	8440.82	12.68	8440.82
-	-	-	0.12	5159.02	619.08	0.12	619.08
-	-	-	0.00	5508.82	0.00	0.00	0.00
-	-	-	0.12	5767.46	692.10	0.12	692.10

8	Providing and fixing open gym euipments and children play equipments in Amruthalli., and as per the directions of the Engineer-in-charge of the work Qty upto 125%. Providing & Laying bit mix macadam	Cum
A	Qty Above 125%	
9 8	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Nos
A	**TMP 013 WONDER PLAY** Providing & fixing open gym equipments	
B	**TMP005-Thrill Fun** & children play equipments in Amruthalli	Nos
C	**Chest Press** & as per the directions of the Engineer in Charge	Nos
10	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and or/ compressed air to receive bituminous treatment including cost of all materails, labour, HOM Machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Sqm
11	Providing and applying tack coat with80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials , labour HOM Machineries complete as per specifications.. and as per the directions of the Engineer-in-charge of the work .	Sqm
12	Providing and laying semi dense bituminous concrete using crushed aggragates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work to site,laying with a hydrostatic paver with paver finisher to the required grade, level and alignment rolling with smooth wheeled, vibratory and tandem rolleres to achieve the desired compaction as per MORTH Specification and as per the directions of the Engineer-in-charge of the work .	Cum
13	Road marking with hot applied thermoplastic compund with reflectrising glass beads on bituminous surface. Providing and laying of hot applied thermoplastic compund 2.5mm thick including reflectorising glass beads at 250gms per sqm area, thickness of 2.5mm is exclusive of surface apllied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specfications. and as per the directions of the Engineer-in-charge of the work	Sqm
14	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification and as per the directions of the Engineer-in-charge of the work .	Cum
15	Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, and as per the directions of the Engineer-in-charge of the work	Cum
16	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum
17	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum

-	-	-	60.00	1768.05	106083.00	60.00	106083.00
-	-	-	163.20	2001.28	326608.90	163.20	326608.90
-	-	-	1.00	1866124	1866124.00	1.00	1866124.00
-	-	-	1.00	1388132	1388132.00	1.00	1388132.00
-	-	-	1.00	182114	182114.00	1.00	182114.00
-	-	-	1416.00	3.18	4502.88	1416.00	4502.88
-	-	-	1416.00	11.66	16510.56	1416.00	16510.56
-	-	-	42.48	6433.14	273279.79	42.48	273279.79
-	-	-	59.00	542.72	32020.48	59.00	32020.48
-	-	-	341.55	106	36204.30	341.55	36204.30
-	-	-	7.53	169.56	1276.79	7.53	1276.79
-	-	-	4.26	5256.36	22392.09	4.26	22392.09
-	-	-	6.03	4521.96	27267.42	6.03	27267.42

18	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Cum
19	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Cum
20	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, and as per the directions of the Engineer-in-charge of the work .	Cum
21	Providing flooring with 60 cms.x 60 cms. size Vitrified glazed tiles of approved quality & make, fixed on top of existing flooring fixed with suitable adhesive, including cutting the tiles to the required size and fixing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm
22	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete. and as per the directions of the Engineer-in-charge of the work .	Nos
23	Providing and applying ready mix priming coat over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications. and as per the directions of the Engineer-in-charge of the work .	Sqm
24	Providing and applying spray painting in two coats (excluding priming coat) over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications. and as per the directions of the Engineer-in-charge of the work .	Sqm
25	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work . .	Sqm

-	-	-	2.57	5405.4	13891.88	2.57	13891.88
-	-	-	7.53	137.16	1032.81	7.53	1032.81
-	-	-	1.38	5876.28	8109.27	1.38	8109.27
-	-	-	16.64	1154.52	19211.21	16.64	19211.21
-	-	-	130.00	385.84	50159.20	130.00	50159.20
-	-	-	26.33	27.56	725.65	26.33	725.65
-	-	-	26.33	69.96	1842.05	26.33	1842.05
-	-	-	7.50	966.72	7250.40	7.50	7250.40

26	Providing revsrse osmosis suystem to cover 2000 Liters of High TDS water per hour and as per the directions of the Engineer-in-charge of the work .TECHNICAL SPECIFICATIONS Flow Rate:Feed Water : 5000 LPH Treated Water : 3000 LPH Reject Water : 2000 LPH RAW WATER PUMP Purpose:- To feed the Dual Medial filter at pressure more than 2.00 bars which is min operating pressure for filter? SAND MEDIA FILTER Purpose:- To remove the total suspendred solids, dirt, iron and reduce silt density index which can foul the members ACTIVATE CARBON FILTER Purpose:- To remove the total color, smell, odor from the water. Media: Mixed bed sand media consisting of the following i) Gravel ii) Pebbles iii) carbon Average porosity 50 micron particulate size bed depth : 1500 mm pipelines & Accessories : Pipe of PVC 10 Bar tested pressure testing cock & pressure gauges at intlet - outlet of system DOSING SYSTEM urpose : To dose anti scaling chemical to protect the scaling formation on RO Membranes MICRON FILTER urpose : To HIGH PRESSURE PUMP remove the fine particles ip to 05 microns and reduce silt density levels to acceptable level.	Nos
27	Providing and Construction of pup panel cabin MS material vetical 50 x 100 mm thick tube, rafter 50 x 100 mm thick rectangle tube 50 x 50 mm thick tuve purlines, roof panel of 30 mm sandwitch puf panel density : 40 kg and wall panel of 30 mm sandwitch puf pannel density : 40 kgs (polyurethane foam) with noth side G I Colour coated sheet ancillaries like C-channels, angles, sealene etc, door of size 1.8 x 2.0 m an alluminium powder coated window of size 1.00 x 2.00 m 1 No of structural glazing (fixed and sliding One side slope as per elclosed drawing cabin of size etc and as per the directions of the Engineer-in-charge of the work .	Nos
	Total	
	Add 18% G.S.T Charges For Item No 08	
	Add 10% K.R.I.D.L Charges	
	Add 1% Labour Cess Charges	
	Total	

CRTIFICATE:

1. Certified that the above work done satisfactory and no materials issued from Department

AE(Civil)

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

-	-	-	1.00	946000	946000.00	1.00	946000.00
-	-	-	1.00	250204.8	250204.80	1.00	250204.80
					5629942.17		5629942.17
				624848.77	618546.00		618546.00
				624848.87	624849.97		624849.97
				62484.88	62485.00		62485.00
				6935822.52	**6935823.14**		**6935823.14**

6935800

Assistant Executive Engr.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.